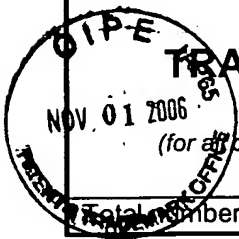


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TRANSMITTAL FORM

(for all correspondence after initial filing)

Total number of pages in this submission =	Application #	10/689,082
	Confirmation #	8482
	Filing Date	21 October 2003
	First Inventor	FOSTER et al.
	Art Unit	1635
	Examiner	McGarry, Sean
	Docket #	P06335US04/BAS

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fees calculated below	<input type="checkbox"/> Reply to Missing Parts/Incomplete Application
<input checked="" type="checkbox"/> Preliminary Amendment and Response With Regard for Sequence Listing	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> After Final Amendment/Reply	<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> including Attachment(s)	<input type="checkbox"/> Drawing(s)
<input checked="" type="checkbox"/> Diskette	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Sequence Listing	<input type="checkbox"/>
	<input type="checkbox"/>

FEES CALCULATION: For claims if required and/or other fees as shown below:

	NOW	Previously Paid For	Present Extra	Rate	\$
<input type="checkbox"/> TOTAL CLAIMS		- 20		X \$ 50 =	
<input type="checkbox"/> INDEPENDENT CLAIMS		- 3		X \$ 200 =	
TOTAL OF ABOVE CLAIMS FEES =					
<input type="checkbox"/> Reduction by 1/2 for small entity status of applicant					
SUBTOTAL =					
<input type="checkbox"/> Fee for extension of time (per attached Petition)					
<input type="checkbox"/> Other fee for					
TOTAL OF ALL FEES =					0

☐ Payment by credit card. FORM PTO-2038 in the amount of \$ is attached.

- ☒ The Director is authorized to charge any fee, additional fee or extension fee due in connection herewith to Deposit Account No. 12-0555:
- (1) if no payment or an insufficient payment is enclosed and a fee is due in connection herewith; or
 - (2) if no petition for extension of time is enclosed but an EOT is required - and in this event, applicant hereby petitions under 37 CFR 1.136(a) for an extension of time of as many months as are required to render this submission timely.

Date: November 1, 2006

By: B. Aaron Schulman
Registration No.: 31,877

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/689,082

10/21/2003

Timothy J. Foster

P06335US04/BAS

8482

881

7590

10/04/2006

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ALEXANDRIA, VA 22314

EXAMINER

MCGARRY, SEAN

ART UNIT

PAPER NUMBER

1635

DATE MAILED: 10/04/2006

11-11-2006 8

Please find below and/or attached an Office communication concerning this application or proceeding.

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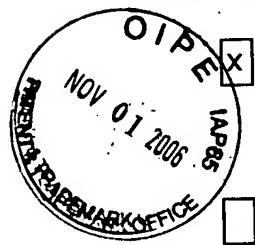
OCT 05 2006

STITES & HARBISON PLLC

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicants attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a Sequence Listing as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the Sequence Listing in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the Sequence Listing in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up Raw Sequence Listing.
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the Sequence Listing is not the same as the computer readable form of the Sequence Listing as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

COPY

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the Sequence Listing. (If the unidentified sequences are not provided on the CRF)
- ☒ An initial or substitute paper copy of the Sequence Listing, as well as an amendment directing its entry into the specification. (If the unidentified sequences are not provided in the paper copy)
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d). (If a new paper and/or CRF are required)

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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Sequence Compliance**COPY**

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth below or on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. At least Figure 5C contains sequences that are not accompanied by the required sequence identifiers. The application fails to comply with at least 37CFR 1.821(d). The above deficiency is noted and is the cause for this notice, however, the examiner asserts that a thorough review of the entire application for sequence rule compliance has not been conducted. Applicant should review the application and ensure that the application is in full compliance with the sequence rules.

Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the mailing date of this letter within which to comply with the sequence rules, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory

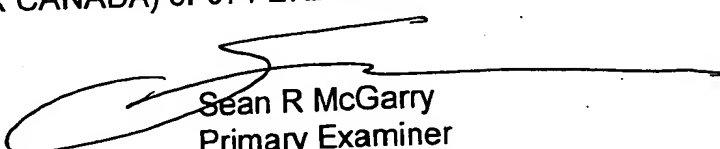
Art Unit: 1635

period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the reply.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sean R. McGarry whose telephone number is (571) 272-0761. The examiner can normally be reached on M-Th (6:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Paras can be reached on (571) 272-4517. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Sean R McGarry
Primary Examiner
Art Unit 1635

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